What is claimed is:

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 An apparatus for handwritten character font generation comprising:

a character image extraction section configured to extract character image data of handwritten characters filled into character entry boxes from image data scanned from a character entry sheet in which the handwritten characters are filled into the character entry boxes corresponding to respective character codes;

a character positional information storage section configured to store character positional information of font character space defined for each of characters;

a character positional information calculation section configured to calculate the amount of movement for moving the extracted character image data to a character position of the font character space defined in the character positional information;

a character position alignment section configured to move the character image data to the character position of the font character space defined in the character positional information, based on the calculated amount of movement; and

a character font generation section configured to generate font characters of the handwritten character font based on the moved character image data.

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2. The apparatus of claim 1, further comprising

a character circumscribed quadrilateral calculation section configured to calculate a circumscribed quadrilateral of a character portion of the character image data from the extracted character image data, wherein:

the character positional information calculation section calculates the amount of movement for moving the calculated circumscribed quadrilateral to the character position of the font character space defined in the character positional information; and

the character position alignment section moves the character image data to the character position of the font character space defined in the character positional information by moving the character portion of the character image data based on the calculated amount of movement.

3. The apparatus of claim 2, wherein

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the character positional information includes information about a ratio of a top blank to a bottom blank and a ratio of a left blank to a right blank of the circumscribed quadrilateral in the font character space.

4. The apparatus of claim 1, wherein

the character positional information includes 25 information which defines position fiducial characters

corresponding to each of specific characters and information which defines a positional relation between each of the specific characters and each of the position fiducial characters respectively.

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5. The apparatus of claim 2, wherein

the character positional information includes information which defines position fiducial characters corresponding to each of specific characters and information which defines a positional relation between each of the specific characters and each of the position fiducial characters respectively.

6. The apparatus of claim 3, wherein

the character positional information includes information which defines position fiducial characters corresponding to each of specific characters and information which defines a positional relation between each of the specific characters and each of the position fiducial characters respectively.

7. The apparatus of claim 4, wherein

the specific characters includes voiced sound characters among Hiragana characters and Katakana characters, p-sound characters among Hiragana characters and Katakana

characters, and Roman numerals of a lower-case character.

8. The apparatus of claim 5, wherein

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the specific characters includes voiced sound characters among Hiragana characters and Katakana characters, p-sound characters among Hiragana characters and Katakana characters, and Roman numerals of a lower-case character.

- 9. The apparatus of claim 6, wherein
- the specific characters includes voiced sound characters among Hiragana characters and Katakana characters, p-sound characters among Hiragana characters and Katakana characters, and Roman numerals of a lower-case character.
- 10. A computer readable storage medium recording a program for handwritten character font generation, the program executing in a handwritten character font generation apparatus, the program comprising:

extracting character image data of handwritten

20 characters filled into character entry boxes from image data

scanned from a character entry sheet in which the handwritten

characters are filled into the character entry boxes

corresponding to respective character codes;

calculating the amount of movement for moving the 25 extracted character image data to a character position of font character space defined in character positional
information;

moving the character image data to the character position of the font character space defined in the character positional information based on the calculated amount of movement; and generating font characters of the handwritten character font based on the moved character image data.

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11. The computer readable storage medium of claim 10 wherein10 the program further comprising

calculating a circumscribed quadrilateral of a character portion of the character image data from the extracted character image data, wherein:

the amount of movement for moving the calculated

15 circumscribed quadrilateral to the character position of the
font character space defined in the character positional
information is calculated; and

the character image data to the character position of the font character space defined in the character positional information by moving the character portion of the character image data is moved based on the calculated amount of movement.

12. The computer readable storage medium of claim 11 wherein the character positional information includes information about a ratio of a top blank to a bottom blank

and a ratio of a left blank to a right blank of the circumscribed quadrilateral in the font character space.

- 13. The computer readable storage medium of claim 10 wherein
 the character positional information includes
 information which defines position fiducial characters
 corresponding to each of specific characters and information
 which defines a positional relation between each of the
 specific characters and each of the position fiducial
 characters respectively.
- 14. The computer readable storage medium of claim 11 wherein the character positional information includes information which defines position fiducial characters corresponding to each of specific characters and information which defines a positional relation between each of the specific characters and each of the position fiducial characters respectively.
- 20 15. The computer readable storage medium of claim 12 wherein the character positional information includes information which defines position fiducial characters corresponding to each of specific characters and information which defines a positional relation between each of the
 25 specific characters and each of the position fiducial

characters respectively.

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- 16. The computer readable storage medium of claim 13 wherein the specific characters includes voiced sound characters among Hiragana characters and Katakana characters, p-sound characters among Hiragana characters and Katakana characters, and Roman numerals of a lower-case character.
- 17. The computer readable storage medium of claim 14 wherein

 10 the specific characters includes voiced sound characters among Hiragana characters and Katakana characters, p-sound characters among Hiragana characters and Katakana characters, and Roman numerals of a lower-case character.
- 15 18. The computer readable storage medium of claim 15 wherein the specific characters includes voiced sound characters among Hiragana characters and Katakana characters, p-sound characters among Hiragana characters and Katakana characters, and Roman numerals of a lower-case character.

19. A method for handwritten character font generation in an apparatus for handwritten character font generation, the method comprising:

extracting character image data of handwritten

25 characters filled into character entry boxes from image data

scanned from a character entry sheet in which the handwritten characters are filled into the character entry boxes corresponding to respective character codes;

calculating the amount of movement for moving the extracted character image data to a character position of font character space defined in character positional information;

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moving the character image data to the character position of the font character space defined in the character positional information based on the calculated amount of movement; and generating font characters of the handwritten character font based on the moved character image data.

- 20. The method of claim 19, further comprising
- 15 calculating a circumscribed quadrilateral of a character portion of the character image data from the extracted character image data, wherein:

the amount of movement for moving the calculated circumscribed quadrilateral to the character position of the font character space defined in the character positional information is calculated; and

the character image data to the character position of the font character space defined in the character positional information by moving the character portion of the character image data is moved based on the calculated amount of movement.